KOLAR Document ID: 1583704

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32211
Name: O'Brien Energy Resources Corp.
Address 1: 18 CONGRESS ST, STE 207
Address 2:
City: PORTSMOUTH State: NH Zip: 03801 + 4091
Contact Person: Joseph Forma
Phone: (603) 427-2099
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Peter Debenham
Purchaser:

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ WSW ☐ SWD
☐ Gas ☐ DH ☐ EOR
☑ OG ☐ GSW
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:
Original Comp. Date: Original Total Depth:
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

04/6/2021	4/12/2021	06/01/2021
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-119-21452-00-00
Spot Description:
W2 - NE - SW - NW Sec. 10 Twp. 33 S. R. 29 ☐ East ☑ West
1650 Feet from ☑ North / ☐ South Line of Section
968 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Meade
Lease Name: PREEDY EAST Well #: 1A-10
Field Name:
Producing Formation: Pennsylvanian
Elevation: Ground: 2635 Kelly Bushing: 2647
Total Vertical Depth: 6320 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 1572 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 1600 ppm Fluid volume: 7500 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:
Operator Name: Max Papay LLC
Lease Name: Feldman 1-18 License #: 34021
Quarter SW Sec. 18 Twp. 34 S. R. 28 ☐ East ☑ West
County: Meade Permit #: D23094.0

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

☐ **Confidentiality Requested**
Date: 07/27/2021
☐ **Confidential Release Date:** 07/27/2023
☑ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 08/03/2021

Operator Name: O'Brien Energy Resources Corp. Lease Name: PREEDY EAST Well #: 1A-10

Sec. 10 Twp. 33 S. R. 29 ☐ East ☑ West County: Meade

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Geologist Report / Mud Logs ☑ Yes ☐ No

List All E. Logs Run:

NEUTRON
MICRO
INDUCTION

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name: Attached Top: Attached Datum: Attached

CASING RECORD ☑ New ☐ Used
Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	1572	Class A	630	3%CaCl, 1/2# floseal
Production	7.875	4.5	10.5	6272	Class H	150	10%CaCl, 1/4# floseal

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☑ Yes ☐ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☑ No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/ Injection: 06/02/2021

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*

PRODUCTION INTERVAL:

Top	Bottom
5700	6150

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
2	5788	5794			Acidize w/ 1500 gal 7-1/2% NEFE HCl
					Frac w/Frac w/ 13,000# 30/50 sand, 227 bbls foamed wtr, 500,008 SCF N2

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	O'Brien Energy Resources Corp.
Well Name	PREEDY EAST 1A-10
Doc ID	1583704

Tops

Name	Top	Datum
Heebner	4470	-1823
Toronto	4495	-1848
Lansing	4569	-1922
Marmaton	5267	-1620
Cherokee	5444	-2797
Atoka	5708	-3061
Morrow	5760	-3113
Mississippi	5906	-3259
Ste. Genevieve	6144	-3497
St. Louis	6236	-3589

Form	ACO1 - Well Completion
Operator	O'Brien Energy Resources Corp.
Well Name	PREEDY EAST 1A-10
Doc ID	1583704

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	1572	Class A	630	3%CaCl, 1/2# floseal
Production	7.875	4.5	10.5	6272	Class H	150	10%CaCl, 1/4# floseal

O'Brien Energy Resources, Inc.
Preedy East No. 1A-10
Section 10, T33S, R29W
Meade County, Kansas
April 2021

Well Summary

The O'Brien Energy Resources, Preedy East No. 1A-10 was drilled to a total depth of 6320' in the St. Louis. Lost circulation occurred in the Glorietta while drilling for surface casing and resulted in stuck pipe and necesited spotting oil and jarring free.

The Preedy East No. 1A-10 was drilled 20 acres SE of the Preedy East No. 1-10. The Morrow came in even with this offset. The Morrow "B" Sandstone came in 1' low. The Basal Chester, Ste. Genevieve and St. Louis ran 2' to 4' high.

The primary objective Morrow "B" Sandstone(5787'-5808') consists of a sandstone in 20% of the samples: Medium to light brown, salt and pepper, speckled brown, occasionally clear to white, friable, fine lower to very fine upper, well sorted subround grains, siliceous cement, slightly calcareous, glauconitic, clean, excellent intergranular porosity, some clay infill, fine vuggy porosity, mottled orange to bright yellow hydrocarbon fluorescence (most SS), excellent streaming cut, light live oil and gas bubbles when crushed, oil odor, excellent show. A 280 Unit gas kick was documented on the hotwire.

4 ½" production casing was run on 4/13/2021 to further evaluate the above mention show.

Respectfully Submitted,

Peter Debenham

WELL DATA

Operator:	O'Brien Energy Resources, Inc., John Forma – Portsmouth, NH Geologists: David Ward, Ed Schuett
Well:	Preedy East No. 1A-10, Borchers NW Field
API:	15-119-21452
Location:	1650'FNL & 968'FWL, Section 10, 33S, R29W, Meade Co., KS – Southeast of Plains.
Elevation:	Ground Level 2635', Kelly Bushing 2647'
Contractor:	Duke Drilling Rig No. 1, Type: Double jacknife, double stand, Toolpusher Mike Godfrey, Drillers: Brothers Carlos and Saul Garcia, Alejandro A. Vazquez
Company Man:	Dana Greathouse
Spud Date:	4/5/2021, 11:15 am
Total Depth:	4/12/21, Driller 6320', Logger 6320', St. Louis Formation
Casing Program:	37 joints of 8 5/8", J-55, 24Lbs/ft, set at 1576' with 450 sacks Class A, tail 180 sacks Class A – cement did circulate. 145 joints 4 ½" production casing to TD.
Mud Program:	Winter Mud, engineers Theran Hegwood, Chemical gel/LCM.
Wellsite Consultant:	Peter Debenham Call depth 4000', Box 350, Drake, CO 80515, 720/220-4860.
Mudlogging trailer:	Austin Gardner, MBC Logging, Meade KS.
Samples:	30' to 5700', 20' to TD.
Electric Logs:	Wireline Logging Solutions, Ok City, OK, engineer Hector Garcia
Status:	4 ½" production casing to TD.

WELL CHRONOLOGY

DATE	DEPTH	FOOTAGE	RIG ACTIVITY
4/5			Move to location and rig up. Mix spud mud. Drill rathole and mousehole and spud 12 ¼" surface hole(11:15 AM).
4/6	1237'	1237'	To 1237' and lost circulation. Mix mud and LCM.
4/7	1237'	0'	Mix mud and LCM and circulate. Stuck pipe on a connection, bit at 1165'. Run freepoint, pipe stuck at 715'. Pump 400 bbls oil and pull on pipe, no go. Rig up fishing tools and surface jars and jar pipe down with movement. Pull up and lay down jars and trip out. Jets plugged with LCM. Clean suction pits, filled with sand. Mix mud and LCM(20 Lbs/bbls) and trip in and break circulation and ream to bottom and circulate and condition mud.
4/8	1586'	349'	To 1586' and circulate. Drop survey(1deg.) and trip for surface casing. Run and cement 37 joints on 8 5/8" J-55 STC set at 1576' with 450 sacks Class A, tail 180 sacks Class AA. Cement did circulate. Wait on cement.
4/9	2587'	1001'.	Nipple up and pressure test BOP. Drill cement and plug and 7 7/8" to 2587' Service mud pump and trip to casing and wait on mechanic and make repairs.
4/10	3972'	1385'	
4/11	5014'	1042'	Survey(3/4). To 5000' and circulate. Wiper trip to 1800' and circulate.
4/12	6150'	1136'	
4/13	6320'TD	170'	To 6320'TD and circulate. Wiper trip to 4193' and cirulate, pulled hard. Trip out for logs and run Elogs. Trip in and circulate.
4/14	TD		Circulate on bottom and lost circulation(300 bbls). Trip out 26 stands and mix mud and LCM(12 ppb) and circulate. Trip in and circulate and lost circulation. Mix mud and LCM(18 ppb) and circulate with returns. Run and cement 145 joints of 4 ½" production casing to TD, cement did circulate. Rig down.

BIT RECORD

NO.	MAKE	TYPE	SIZE	OUT	FOOTAGE	HOURS
1		PLT519	12 ¼"	1237'	1237'	10
2		TX516	7 7/8"	6320'	4740'	68 3/4
				Total Rotating Hours:		78 3/4
				Average:	80.25	Ft/hr

DEVIATION RECORD - degree

510’ ½, 1586’ 1, 2555’ 1, 2998’ 1, 4004’ ¾, 5000’ ¾, TD 1

MUD PROPERTIES

DATE	DEPTH	WT	VIS	PV	YP	WL	pH	CL	LCM-LBS/BBL
4/5	162’	8.9	33	3	12	50	9	2.5K	6
4/6	1237’	8.5	37	5	9	50	9.0	2K	20
4/7	1237’	8.5	38	5	9	50	9.0	2K	20
4/8	1960’	8.5	31	4	4	100	8.0	6.7K	0
4/9	2759’	8.6	40	13	19	20	10	6K	6
4/10	3975’	9.1	38	15	15	18	11	8.8K	4
4/11	5639’	9.1	44	19	13	6.8	11.5	3.2K	6
4/12	6320’	9.1	60	27	20	6.4	11.0	3K	6

ELECTRIC LOG FORMATION TOPS- KB Elev. 2598’

			*Preedy East No. 1-10	
FORMATION	DEPTH	DATUM	DATUM	POSITION
Casing	1572’			
Heebner	4470’	-1823’	-1819’	-4’
Toronto	4495’	-1848’	-1847’	-1’
Lansing	4569’	-1922’	-1921’	-1’
Marmaton	5267’	-1620’	-2621’	-1’
Cherokee	5444’	-2797’	-2797’	0’
Atoka	5708’	-3061’	-3057’	-4’
Morrow	5760’	-3113’	-3113’	0’
“B” SS	5787’	-3140’	-3139’	-1’
Mississippi Chester	5906’	-3259’	-3253’	-6’
Basal Chester	6108’	-3461’	-3463’	+2’
Ste. Genevieve	6144’	-3497’	-2501’	+4’
St. Louis	6236’	-3589’	-3593’	+4’
TD	6320’			

*O’Brien Energy Resources, Preedy East No. 1-10, 2250’ FNL & 800’ FWL, Sec. 10 – 20 acres to the NW, KB elev. 2643’.

QUASAR ENERGY SERVICES, INC.
3288 FM 51
Gainesville, Texas 76240
Office: 940-612-3336
Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2c

4/7/21

CEMENTING JOB LOG

CEMENTING JOB LOG

Company:	OBRIEN ENERGY RESOURCES CORP			**Well Name:**	PREEDY EAST 1A-10		
Type Job:	Cement- Surface			**AFE #:**			
CASING DATA							
Size:	8 5/8	Grade:		Weight:	24		
Casing Depths	Top:	Bottom:					
Drill Pipe:	Size:	Weight:					
Tubing:	Size:	Weight:		Grade:	TD (ft):	1586 RTD	
Open Hole:	Size: 12 1/4	T.D. (ft):	1586 RTD				
Perforations	From (ft):	To:		Packer Depth(ft):			

CEMENT DATA

Spacer Type:							
Amt.		Sks Yield		$ft^3/_{sk}$		Density (PPG)	
LEAD:	CLASS A 2%SMS, 2%GYP, 3%CaCl, 1/4#POLY, .2%FWCA					Excess	140%
Amt.	450	Sks Yield	2.93	$ft^3/_{sk}$		Density (PPG)	11.4
TAIL:	CLASS A 2%GEL 2%CaCl, 1/4#POLY					Excess	
Amt.	180	Sks Yield	1.37	$ft^3/_{sk}$		Density (PPG)	14.8
WATER:							
Lead:	18	gals/sk:	193	Tail:	6.5	gals/sk:	28	Total (bbls):	221
Pump Trucks Used:	210-DP11								
Bulk Equipment:	229 660-23, 230 660-24								
Disp. Fluid Type:	FRESH			Amt. (Bbls.)	97.48	Weight (PPG):	8.3		
Mud Type:						Weight (PPG):			

COMPANY REPRESENTATIVE: DANA GREATHOUSE **CEMENTER:** CHAD HINZ

TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
AM/PM	Casing	Tubing	ANNULUS	TOTAL	RATE	
1730						ON LOC, SAFTEY MTG, R.U.
2025	2600					TEST LINES
2029	160				5	START LEAD
2125	55			235	5	START TAIL
2139				44		SHUT DOWN, DROP PLUG
2139	50				5	START DISPLACEMENT, WASHUP ON PLUG
2157	210			67	2	SLOW RATE
2204	253			77	1	SLOW RATE
2131	370-820			97.5		PLUG DOWN
2135						RELEASE PSI, FLOAT HELD
						JOB COMPLETE
2140						W.O.O IN CASE OF FALL BACK

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3288 FM 51
Gainesville, Texas 76240
Office: 940-612-3336
Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2c

4/13/21

CEMENTING JOB LOG

CEMENTING JOB LOG

Company:	OBRIEN ENERGY RESOURCES CORP			**Well Name:**	PREEDY EAST 1A-10		
Type Job:	Cement- Production			**AFE #:**			
CASING DATA							
Size:	4 1/2	Grade:	J-55	Weight:	11.5		
Casing Depths	Top:	Bottom:					
Drill Pipe:	Size:	Weight:					
Tubing:	Size:	Weight:		Grade:		TD (ft):	6320
Open Hole:	Size: 7 7/8	T.D. (ft):	6320				
Perforations	From (ft):	To:		Packer Depth(ft):			

CEMENT DATA									
Spacer Type:	MUD FLUSH								
Amt.	420 GAL	Sks Yield		ft $^3/_{sk}$				Density (PPG)	8.4
LEAD:	CLASS A 60/40/4 TO PLUG R&M HOLES							Excess	
Amt.	50	Sks Yield		ft $^3/_{sk}$				Density (PPG)	13.6
TAIL:	CLASS H 10%GYP, 10%SALT, .6%C-15, 5#KOLSEAL, 1/4#FELT							Excess	
Amt.	150	Sks Yield	1.56	ft $^3/_{sk}$				Density (PPG)	14.8
WATER:									
Lead:	7.16	gals/sk:	8.5	Tail:	7	gals/sk:	25	Total (bbls):	33.5
Pump Trucks Used:	210-DP11								
Bulk Equipment:	228 660-20								
Disp. Fluid Type:	7%KCL			Amt. (Bbls.)	96.5			Weight (PPG):	
Mud Type:								Weight (PPG):	

COMPANY REPRESENTATIVE: DANA GREATHOUSE **CEMENTER:** CHAD HINZ

TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
AM/PM	Casing	Tubing	ANNULUS	TOTAL	RATE	
2130						ON LOC, SAFTEY MTG, RU
2305						TEST LINES
2305	190				3.5	PUMP MUD FLUSH
2309	190			10	3.5	H2O SPACER
2313				5		PLUG RAT & MOUSE
2324	225				5.5	START MIXING
2340				41.6		SHUT DOWN, DROP PLUG, WASHUP
2342	180				6.2	START DISPLACEMENT
2357	355			86	2	SLOW RATE
001	450-970			96.5		PLUG DOWN
006						RELEASE PSI, FLOAT HELD
						JOB COMPLETE
						THANK YOU FOR YOUR BUSINESS!!!